

## AN/TPN-18A Radar Set

Status: STD-A; NSN: 5840-01-070-9415

Reference: TM 11-5840-281-12-1

### General Information

The AN/TPN-18A is a lightweight, helicopter-transportable, radar set designed for use during all weather conditions. The radar set is used at forward airstrips and heliports and provides information used for air traffic control, ASR, and GCA landing of aircraft. The radar set consists of three major groups of equipment: a radar set group and two control-indicator groups. The radar set group contains the receiver-transmitter group (complete radar receiver and radar transmitter systems, including DC power supplies) mounted on the antenna pedestal (base pedestal). The elevation antenna, azimuth antenna, both antenna drives, and yoke and servo actuators are all part of the radar set group and are mounted on top of the receiver-transmitter group. The two control-indicator groups are identical. Each control-indicator group consists of a control-indicator with its tubular frame and is a single-package unit containing indicator (radar display CRT) with its associated power supply and controls for remote operation (up to 76 m (249 ft)) of the radar set.

### Major Components

1 Antenna AS-1291/TPN-8	1 Receiver-Transmitter
1 Antenna AS-1292/TPN-8	RT-1172/TPN-18A
	1 Control-Indicator
	C-6988A/TPN-18A

### Technical Characteristics

Weight-----1,369 kg (3,012 lb)

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